

[Name of the document]

## ABSTRACT

A material for shadow mask having the following composition of components: C  $\leq 0.0008$  wt%, Si  $\leq 0.03$  wt%, Mn: 0.1 to 0.5 wt%, P  $\leq 0.02$  wt%, S  $\leq 0.02$  wt%, Al: 0.01 to 0.07 wt%, N  $\leq 0.0030$  wt%, B: an amount satisfying the formula:  $5 \text{ ppm} \leq \text{B} - 11/14 \times \text{N} \leq 30 \text{ ppm}$ , balance: Fe and inevitable impurities; a method for producing the material; a shadow mask using the material (cold rolled steel sheet); and an image receiving tube equipped with the shadow mask. The material has excellent etching characteristics, which are uniform within the same coil, and excellent press formability.

093639-09101